

## PATENT APPLICATION

DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION

ATTORNEY DOCKET NO. MSFT-0570/167379.1

As a below named inventor, I hereby declare that:

My residence/post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: "SYSTEM AND METHOD FOR RELATIONAL REPRESENTATION OF HIERARCHICAL DATA," the specification of which is filed herewith unless the following box is checked:

( ) was filed on \_\_\_\_\_ as US Application Serial No. \_\_\_\_\_ or PCT International Application Number \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable).

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COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES: _____ NO: _____
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## Provisional Application

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

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Add Attorney Name and Reg. No.	Katie E. Sako, Reg. No. 32,628	Daniel D. Crouse, Reg. No. 32,022	
Steven J. Rocci, Reg. No. 30,489	Peter M. Ullman, Reg. No. 43,963		

## Send Correspondence to:

Contact Name: Peter M. Ullman  
Firm Name: Woodcock Washburn LLP  
Firm Address: One Liberty Place - 46th Floor  
City, State and Zip: Philadelphia, Pennsylvania 19103

## Direct Telephone Calls To:

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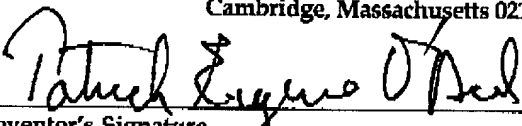
I hereby declare that all statements made herein of my own knowledge are true and that all statements made or information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

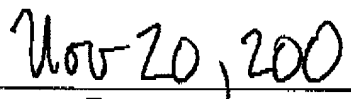
Full Name of Inventor: Patrick Eugene O'Neil

Citizenship: United States of America

Residence: Cambridge, Massachusetts

Post Office Address: 27 Ware Street  
Cambridge, Massachusetts 02138

  
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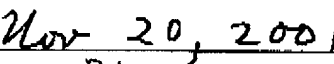
Full Name of Inventor: Elizabeth Jean O'Neil

Citizenship: United States of America

Residence: Cambridge, Massachusetts

Post Office Address: 27 Ware Street  
Cambridge, Massachusetts 02138

  
Inventor's Signature


  
Date

Full Name of Inventor: Shankar Pal

Citizenship: India

Residence: Redmond, Washington

Post Office Address: 9210 Red-Wood Road NE, Unit A107  
Redmond, Washington 98052

  
Inventor's Signature


  
Date

Full Name of Inventor: Gideon Schaller

Citizenship: Israel

Residence: Bellevue, Washington

Post Office Address: : 1629 187th Avenue NE  
Bellevue, Washington 98008

  
Inventor's Signature

  
Date

Full Name of Inventor: Istvan Cseri

Citizenship: Hungary

Residence: Redmond, Washington

Post Office Address: 23503 NE 61<sup>st</sup> Street  
Redmond, Washington 98053

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Inventor's Signature

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Date

Full Name of Inventor: Jose A. Blakeley

Citizenship: Mexico

Residence: Bothell, Washington

Post Office Address: 15705 99<sup>th</sup> Avenue NE  
Bothell, Washington 98011

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Full Name of Inventor: Nigel Clifton Westbury

Citizenship: Great Britain

Residence: Mercer Island, Washington

Post Office Address: 9425 SE 54<sup>th</sup> Street  
Mercer Island, Washington 98040

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Full Name of Inventor: Sameet Agarwal

Citizenship: India

Residence: Redmond, Washington

Post Office Address: 8127 149<sup>th</sup> Place NE, Unit B309  
Redmond, Washington 98052

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Inventor's Signature

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Full Name of Inventor: F. Soner Terek

Citizenship: Turkey

Residence: Bellevue, Washington

Post Office Address: 13695 NE 32<sup>nd</sup> Place  
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Citizenship: United States of America

Residence: Cambridge, Massachusetts

Post Office Address: 27 Ware Street  
Cambridge, Massachusetts 02138

\_\_\_\_\_  
Inventor's Signature

\_\_\_\_\_  
Date

Full Name of Inventor: Elizabeth Jean O'Neil

Citizenship: United States of America

Residence: Cambridge, Massachusetts

Post Office Address: 27 Ware Street  
Cambridge, Massachusetts 02138

\_\_\_\_\_  
Inventor's Signature

\_\_\_\_\_  
Date

Full Name of Inventor: Shankar Pal

Citizenship: India

Residence: Redmond, Washington

Post Office Address: 9110 159<sup>th</sup> Place NE  
Redmond, Washington 98052

Shankar Pal  
Inventor's Signature

Nov. 16, 2001  
Date

Full Name of Inventor: Gideon Schaller

Citizenship: Israel

Residence: Bellevue, Washington

Post Office Address: : 1629 187<sup>th</sup> Avenue NE  
Bellevue, Washington 98008

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**Full Name of Inventor: Istvan Cseri**

**Citizenship: Hungary**

**Residence: Redmond, Washington**

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\_\_\_\_\_  
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**Full Name of Inventor: Jose A. Blakeley**

**Citizenship: Mexico**

**Residence: Bothell, Washington**

**Post Office Address: 15705 99<sup>th</sup> Avenue NE  
Bothell, Washington 98011**

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**Full Name of Inventor: Nigel Clifton Westbury**

**Citizenship: Great Britain**

**Residence: Mercer Island, Washington**

**Post Office Address: 9425 SE 54<sup>th</sup> Street  
Mercer Island, Washington 98040**

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**Full Name of Inventor: Sameet Agarwal**

**Citizenship: India**

**Residence: Redmond, Washington**

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**Full Name of Inventor: F. Soner Terek**

**Citizenship: Turkey**

**Residence: Bellevue, Washington**

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Citizenship: India

Residence: Redmond, Washington

Post Office Address: 9210 Red-Wood Road NE, Unit A107  
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Inventor's Signature

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Citizenship: Israel

Residence: Bellevue, Washington

Post Office Address: : 1629 187<sup>th</sup> Avenue NE  
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Gideon Schaller  
Inventor's Signature

11-19-01  
Date



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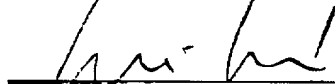
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**Date**

**Full Name of Inventor: Shankar Pal**

**Citizenship: India**

**Residence: Redmond, Washington**

**Post Office Address: 9210 Red-Wood Road NE, Unit A107  
Redmond, Washington 98052**

\_\_\_\_\_  
**Inventor's Signature**

\_\_\_\_\_  
**Date**

**Full Name of Inventor: Gideon Schaller**

**Citizenship: Israel**

**Residence: Bellevue, Washington**

**Post Office Address: : 1629 187<sup>th</sup> Avenue NE  
Bellevue, Washington 98008**

\_\_\_\_\_  
**Inventor's Signature**

\_\_\_\_\_  
**Date**

Full Name of Inventor: Istvan Cseri

Citizenship: Hungary

Residence: Redmond, Washington

Post Office Address: 23503 NE 61<sup>st</sup> Street  
Redmond, Washington 98053

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Inventor's Signature

\_\_\_\_\_  
Date

Full Name of Inventor: Jose A. Blakeley

Citizenship: Mexico

Residence: Bothell, Washington

Post Office Address: 15705 99<sup>th</sup> Avenue NE  
Bothell, Washington 98011

\_\_\_\_\_  
Inventor's Signature

11/26/2001

\_\_\_\_\_  
Date

Full Name of Inventor: Nigel Clifton Westbury

Citizenship: Great Britain

Residence: Mercer Island, Washington

Post Office Address: 9425 SE 54<sup>th</sup> Street  
Mercer Island, Washington 98040

\_\_\_\_\_  
Inventor's Signature

\_\_\_\_\_  
Date

Full Name of Inventor: Sameet Agarwal

Citizenship: India

Residence: Redmond, Washington

Post Office Address: 8127 149<sup>th</sup> Place NE, Unit B309  
Redmond, Washington 98052

\_\_\_\_\_  
Inventor's Signature

\_\_\_\_\_  
Date

Full Name of Inventor: F. Soner Terek

Citizenship: Turkey

Residence: Bellevue, Washington

Post Office Address: 13695 NE 32<sup>nd</sup> Place  
Bellevue, Washington 98005

\_\_\_\_\_  
Inventor's Signature

\_\_\_\_\_  
Date

**PATENT APPLICATION****DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION****ATTORNEY DOCKET NO. MSFT-0570/167379.1**

As a below named inventor, I hereby declare that:

My residence/post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: "SYSTEM AND METHOD FOR RELATIONAL REPRESENTATION OF HIERARCHICAL DATA," the specification of which is filed herewith unless the following box is checked:

( ) was filed on \_\_\_\_\_ as US Application Serial No. \_\_\_\_\_ or PCT International Application Number \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56.

**Foreign Application(s) and/or Claim of Foreign Priority**

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor(s) certificate listed below and have also identified below any foreign application for patent or inventor(s) certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES: _____ NO: _____
			YES: _____ NO: _____

**Provisional Application**

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION SERIAL NUMBER	FILING DATE

**U.S. Priority Claim**

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NUMBER	FILING DATE	STATUS(patented/pending/abandoned)

**POWER OF ATTORNEY:**

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) listed below to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Add Attorney Name and Reg. No.	Katie E. Sako, Reg. No. 32,628	Daniel D. Crouse, Reg. No. 32,022	
Steven J. Rocci, Reg. No. 30,489	Peter M. Ullman, Reg. No. 43,963		

**Send Correspondence to:**

Contact Name: Peter M. Ullman  
Firm Name: Woodcock Washburn LLP  
Firm Address: One Liberty Place - 46th Floor  
City, State and Zip: Philadelphia, Pennsylvania 19103

**Direct Telephone Calls To:**

Contact Name: Peter M. Ullman  
Contact Phone Number: (215) 368-3100



I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**Full Name of Inventor:** Patrick Eugene O'Neil

**Citizenship:** United States of America

**Residence:** Cambridge, Massachusetts

**Post Office Address:** 27 Ware Street  
Cambridge, Massachusetts 02138

\_\_\_\_\_  
**Inventor's Signature**

\_\_\_\_\_  
**Date**

**Full Name of Inventor:** Elizabeth Jean O'Neil

**Citizenship:** United States of America

**Residence:** Cambridge, Massachusetts

**Post Office Address:** 27 Ware Street  
Cambridge, Massachusetts 02138

\_\_\_\_\_  
**Inventor's Signature**

\_\_\_\_\_  
**Date**

**Full Name of Inventor:** Shankar Pal

**Citizenship:** India

**Residence:** Redmond, Washington

**Post Office Address:** 9210 Red-Wood Road NE, Unit A107  
Redmond, Washington 98052

\_\_\_\_\_  
**Inventor's Signature**

\_\_\_\_\_  
**Date**

**Full Name of Inventor:** Gideon Schaller

**Citizenship:** Israel

**Residence:** Bellevue, Washington

**Post Office Address:** : 1629 187<sup>th</sup> Avenue NE  
Bellevue, Washington 98008

\_\_\_\_\_  
**Inventor's Signature**

\_\_\_\_\_  
**Date**

Full Name of Inventor: Istvan Cseri

Citizenship: Hungary

Residence: Redmond, Washington

Post Office Address: 23503 NE 61<sup>st</sup> Street  
Redmond, Washington 98053

\_\_\_\_\_  
Inventor's Signature

\_\_\_\_\_  
Date

Full Name of Inventor: Jose A. Blakeley

Citizenship: Mexico

Residence: Bothell, Washington

Post Office Address: 15705 99<sup>th</sup> Avenue NE  
Bothell, Washington 98011

\_\_\_\_\_  
Inventor's Signature

\_\_\_\_\_  
Date

Full Name of Inventor: Nigel Clifton Westbury

Citizenship: Great Britain

Residence: Mercer Island, Washington

Post Office Address: 9425 SE 54<sup>th</sup> Street  
Mercer Island, Washington 98040

*Nigel Westbury*  
\_\_\_\_\_  
Inventor's Signature

*November 19<sup>th</sup>, 2001.*  
\_\_\_\_\_  
Date

Full Name of Inventor: Sameet Agarwal

Citizenship: India

Residence: Redmond, Washington

Post Office Address: 8127 149<sup>th</sup> Place NE, Unit B309  
Redmond, Washington 98052

\_\_\_\_\_  
Inventor's Signature

\_\_\_\_\_  
Date

Full Name of Inventor: F. Soner Terek

Citizenship: Turkey

Residence: Bellevue, Washington

Post Office Address: 13695 NE 32<sup>nd</sup> Place  
Bellevue, Washington 98005

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Inventor's Signature

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## PATENT APPLICATION

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**Send Correspondence to:**

Contact Name: Peter M. Ullman  
 Firm Name: Woodcock Washburn LLP  
 Firm Address: One Liberty Place - 46<sup>th</sup> Floor  
 City, State and Zip: Philadelphia, Pennsylvania 19103

**Direct Telephone Calls To:**

Contact Name: Peter M. Ullman  
 Contact Phone Number: (215) 568-3100

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Citizenship: United States of America

Residence: Cambridge, Massachusetts

Post Office Address: 27 Ware Street  
Cambridge, Massachusetts 02138

\_\_\_\_\_  
Inventor's Signature

\_\_\_\_\_  
Date

Full Name of Inventor: Elizabeth Jean O'Neil

Citizenship: United States of America

Residence: Cambridge, Massachusetts

Post Office Address: 27 Ware Street  
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Inventor's Signature

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Redmond, Washington 98052

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Inventor's Signature

\_\_\_\_\_  
Date

11/20/2001

Full Name of Inventor: F. Soner Terek

Citizenship: Turkey

Residence: Bellevue, Washington

Post Office Address: 13695 NE 32<sup>nd</sup> Place  
Bellevue, Washington 98005

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**Citizenship: United States of America**

**Residence: Cambridge, Massachusetts**

**Post Office Address: 27 Ware Street  
Cambridge, Massachusetts 02138**

\_\_\_\_\_  
**Inventor's Signature**

\_\_\_\_\_  
**Date**

**Full Name of Inventor: Elizabeth Jean O'Neil**

**Citizenship: United States of America**

**Residence: Cambridge, Massachusetts**

**Post Office Address: 27 Ware Street  
Cambridge, Massachusetts 02138**

\_\_\_\_\_  
**Inventor's Signature**

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**Date**

**Full Name of Inventor: Shankar Pal**

**Citizenship: India**

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**Post Office Address: 9210 Red-Wood Road NE, Unit A107  
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Date

Full Name of Inventor: Jose A. Blakeley

Citizenship: Mexico

Residence: Bothell, Washington

Post Office Address: 15705 99<sup>th</sup> Avenue NE  
Bothell, Washington 98011

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Inventor's Signature

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Post Office Address: 8127 149<sup>th</sup> Place NE, Unit B309  
Redmond, Washington 98052

\_\_\_\_\_  
Inventor's Signature

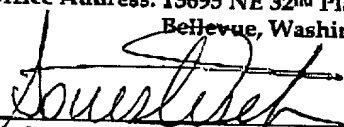
\_\_\_\_\_  
Date

Full Name of Inventor: F. Soner Terek

Citizenship: Turkey

Residence: Bellevue, Washington

Post Office Address: 13695 NE 32<sup>nd</sup> Place  
Bellevue, Washington 98005

  
\_\_\_\_\_  
Inventor's Signature

11.26.2001  
\_\_\_\_\_  
Date



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In Re Application of:**

Patrick Eugene O'Neil, Elizabeth Jean O'Neil,  
Shankar Pal, Gideon Schaller, Istvan Cseri, Jose A.  
Blakeley, Nigel Clifton Westbury, Sameet Agarwal,  
and F. Soner Terek

**Serial No.:** Not Yet Assigned**Group Art Unit:** Not Yet Assigned**Filed:** Herewith**Examiner:** Not Yet Assigned

**For:** SYSTEM AND METHOD FOR RELATIONAL  
REPRESENTATION OF HIERARCHICAL DATA

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

**ASSOCIATE POWER OF ATTORNEY**

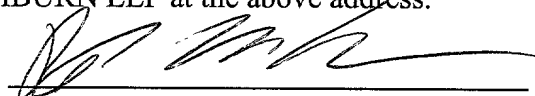
The undersigned, of the firm WOODCOCK WASHBURN LLP, One Liberty  
Place - 46th Floor, Philadelphia, Pennsylvania 19103, Attorney and/or Agents for Applicant(s),  
hereby appoints the following:

Richard E. Kurtz	Registration No. 19,263	David A. Cherry	Registration No. 35,099
Dale M. Heist	Registration No. 28,425	Lynn A. Malinoski	Registration No. 38,788
John W. Caldwell	Registration No. 28,937	Steven B. Samuels	Registration No. 37,711
Gary H. Levin	Registration No. 28,734	Janet E. Reed	Registration No. 36,252
Dianne B. Elderkin	Registration No. 28,598	Jeffrey J. King	Registration No. 38,515
John P. Donohue, Jr.	Registration No. 29,916	Robert B. Washburn	Registration No. 16,574
Henrik D. Parker	Registration No. 31,863	Norman L. Norris	Registration No. 24,196
Suzanne E. Miller	Registration No. 32,279	Albert W. Preston, Jr.	Registration No. 25,366
Lynn B. Morreale	Registration No. 32,842	Anthony J. Rossi	Registration No. 24,053
Mark DeLuca	Registration No. 33,229	Terence P. Strobaugh	Registration No. 25,460
Joseph Lucci	Registration No. 33,307	Michael J. Swope	Registration No. 38,041
Michael P. Dunnam	Registration No. 32,611	Michael J. Bonella	Registration No. 41,628
Michael D. Stein	Registration No. 34,734	Harold H. Fullmer	Registration No. 42,560
Albert J. Marcellino	Registration No. 34,664	John E. McGlynn	Registration No. 42,863
David R. Bailey	Registration No. 35,057	Jonathan M. Waldman	Registration No. 40,861
Doreen Yatko Trujillo	Registration No. 35,719	Chad Ziegler	Registration No. 44,273
Barbara L. Mullin	Registration No. 38,250	Gwilym J.O. Attwell	Registration No. 45,449
Michael P. Straher	Registration No. 38,325	David N. Farsiou	Registration No. 44,104
Kevin M. Flannery	Registration No. 35,871	Paul K. Legaard	Registration No. 38,534

Steven H. Meyer	Registration No. 37,189	Gregory L. Hillyer	Registration No. 44,154
Paul B. Milcetic	Registration No. 46,261	Stephen C. Timmins	Registration No. 48,481
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Michael K. Jones	Registration No. 41,100	Jane E. Inglese	Registration No. 48,444
Frank T. Carroll	Registration No. 42,392	Susan C. Murphy	Registration No. 46,221
Thomas E. Watson	Registration No. 43,243	Raymond N. Scott, Jr.	Registration No. 48,666
Eric H. Vance	Registration No. 47,151	David L. Marcus	Registration No. 46,897
Richard B. LeBlanc	Registration No. 39,495	Lawrence A. Aaronson	Registration No. 38,369
Joseph D. Rossi	Registration No. 47,038	John A. Harrelson	Registration No. 42,637
Rosaleen P. Morris-Oskanian	Registration No. 47,321	Sharon Fenick	Registration No. 45,269
George J. Awad	Registration No. 46,528	Daniel D. Biesterveld	Registration No. 45,898
Steven D. Maslowski	Registration No. 46,905	Phillip A. Singer	Registration No. 40,176
S. Maurice Valla	Registration No. 43,966	Christine A. Goddard	Registration No. 46,731
Emma R. Dailey	Registration No. 48,491	Ellen M. Klann	Registration No. 44,836
Vincent J. Roccia	Registration No. 43,887	Andrew J. Hagerty	Registration No. 44,141
Robin S. Quartin	Registration No. 45,028	Scott E. Scioli	Registration No. 47,930
Patrick J. Farley	Registration No. 42,524		

his/her associates with full power to prosecute the above-identified application and to transact all business in the Patent Office connected therewith and requests that correspondence continue to be directed to the firm of WOODCOCK WASHBURN LLP at the above address.

Date: 11-30-01

  
Peter M. Ullman  
Registration No. 43,963

Woodcock Washburn LLP  
One Liberty Place - 46th Floor  
Philadelphia PA 19103  
Telephone: (215) 568-3100  
Facsimile: (215) 568-3439